

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A system for monitoring a physiological condition of an individual, comprising a sensor ~~picking~~ arranged to pick up a first signal in a first mode of the system, the first signal being representative of the physiological condition and ~~forwarding to forward~~ the first signal to a signal processing unit, a control unit arranged to be positioned remote from the signal processing unit and to be selectively actuated to effect a system mode change, the control unit ~~generating~~ being arranged to generate a second signal and ~~transmitting~~ transmit the second signal to the sensor superimposed on the first signal, the signal processing unit ~~decoding~~ being arranged to decode the second signal and ~~making to make~~ the system enter into a second mode upon receipt of the second signal, wherein the sensor is arranged to receive the second signal ~~is received by the sensor as a disturbance of the first signal.~~

2. (Currently amended) The system according to claim 1, wherein

the control unit comprises an electrode ~~for~~ arranged to be in  
contact with the individual's skin, the electrode ~~transmitting~~  
being arranged to transmit the second signal.

3. (Currently amended) The system according to claim 2, wherein  
the system further comprises an RF-link ~~for establishing~~ arranged to  
establish a wireless communication to a remote base unit, the  
second signal being a trigger signal for the RF-link to perform a  
predetermined operation.

4. (Previously presented) The system according to claim 2,  
wherein the second signal comprises data to be processed by the  
signal processing unit.

5. (Previously presented) The system according to claim 1,  
wherein the second signal has a same bandwidth as the first signal,  
the amplitude of the second signal being at least one order of  
magnitude smaller than the amplitude of the first signal.

6. (Currently amended) A personal monitoring system for  
selectively actuating a personal monitoring system, the personal

monitoring system ~~picking~~ being arranged to pick up a signal representative of a physiological condition of an individual, the personal monitoring system comprising a control unit controlling arranged to control the personal monitoring system by a generation of a suitable trigger signal which is transmitted to the personal monitoring system, and ~~superimposing~~ arranged to superimpose the trigger signal on the signal representative of the monitored physiological condition to control an operating mode of the monitoring system, wherein the control unit ~~produces~~ is arranged to produce the trigger signal as a disturbance of the signal representative of the monitored physiological condition.

7. (Currently amended) The personal monitoring system according to claim 6, wherein the control unit comprises an electrode ~~for~~ arranged to be in contact with the individual's skin, the electrode being ~~transmitting~~ arranged to transmit the trigger signal.

8. (Currently amended) The personal monitoring system according to claim 6, wherein the control unit comprises a user interface ~~operating~~ arranged to operate the control unit in a manual mode.

9. (Currently amended) The personal monitoring system according to Claim 8, wherein the control unit comprises ~~an actuatable~~ a data input port and a display.

10. (Canceled)

11. (Currently amended) The personal monitoring system according to claim 6, wherein upon receipt of the trigger signal, the ~~control unit performs~~ personal monitoring system is arranged to perform a dedicated wakeup sequence.

12. (Currently amended) The personal monitoring system according to claim 11, wherein the dedicated wake-up sequence includes turning on of an RF-link that is otherwise always in an off-state unless responding to a prior dedicated wake-up sequence.

13. (Currently amended) The personal monitoring system according to claim 6, wherein the control unit is arranged to transmit the trigger signal is ~~as~~ dual-tone signal.

14. (Currently amended) The personal monitoring system according

to claim 13, wherein the dual-tone signal is substantially a 29.5 Hz continuous wave and 22.5 Hz on-off keyed signal.

15. (Currently amended) The personal monitoring system according to claim 13, wherein the dual-tone signal is substantially a 129.5 Hz continuous wave and 122.5 Hz on-off keyed signal.

16. (Currently amended) The personal monitoring system according to claim 1, wherein upon receipt of the trigger signal, the signal processing unit ~~performs~~ is arranged to perform a dedicated wakeup sequence.

17. (Currently amended) The personal monitoring system according to claim 16, wherein the dedicated wake-up sequence includes turning on of an RF-link that is otherwise always in an off-state unless responding to a prior dedicated wake-up sequence.

18. (Currently amended) The personal monitoring system according to claim 1, wherein the control unit is arranged to transmit the second signal ~~is as~~ a dual-tone signal.

19. (Currently amended) The personal monitoring system according to claim 18, wherein the dual-tone signal is substantially a 29.5 Hz continuous wave and 22.5 Hz on-off keyed signal.

20. (Currently amended) The personal monitoring system according to claim 18, wherein the dual-tone signal is substantially a 129.5 Hz continuous wave and 122.5 Hz on-off keyed signal.

21. (Currently amended) A system for monitoring a physiological condition of an individual, comprising:

a sensor ~~for picking~~arranged to pick up a first signal in a first mode of the system, the first signal being representative of the physiological condition of the individual;

a signal processing unit, wherein the sensor ~~forwards~~is arranged to forward the first signal to the signal processing unit;  
and

a control unit arranged to be positioned remote from the signal processing unit and ~~selectively to be selectively~~ actuated to effect a system mode change, the control unit ~~generating being~~ arranged to generate and transmitting transmit a second signal to the sensor superimposed on the first signal, the signal processing

arranged to generate and transmitting-transmit a second signal to the sensor superimposed on the first signal, the signal processing unit decoding-being arranged to decode the second signal and initiating-to initiate the system entering into a second mode based upon receipt of the second signal by the sensor, wherein the sensor is arranged to receive the second signal ~~is received by the sensor~~ as a disturbance of the first signal.